

PATENT APPLICATION

#14/B
3-1703
02m

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Pang-Chia LU, *et al.*

Examiner: Kimberly T. NGUYEN

USSN: 09/778,558

Group Art Unit: 1774

Confirmation No.: 4395

Attorney Docket No.: 10251

Filed: February 7, 2001

Date: March 5, 2003

For: POROUS POLYETHYLENE FILM WITH AN INK JET-PRINTED SURFACE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

FAX RECEIVED
MAR 06 2003
GROUP 1700IN THE CLAIMS:

Please enter the following amended claims:

1. A film comprising an ink jet-printed microporous material comprising (a) an extruded film layer and (b) a coating layer coated on a surface of said extruded film layer (a), wherein said extruded film layer (a) is biaxially stretched and porous, wherein said extruded film layer (a) comprises high density polyethylene (HDPE) and particles of an incompatible material, wherein said extruded film layer (a) has a meshed network of HDPE fibers and striations of layers coplanar with the plane of the film, wherein said porous extruded film layer (a) has an open-cell structure with interconnecting voids such that it is porous in a direction perpendicular to the plane of the film, wherein said extruded film layer (a) has a void content of at least about 20%, and wherein said coating layer (b) is a porous ink-receiving layer that has an open-cell structure with interconnecting voids.

9. A method for producing an ink jet-printed microporous material, said method comprising applying ink jet printing ink from an ink jet printer upon at least one surface of a